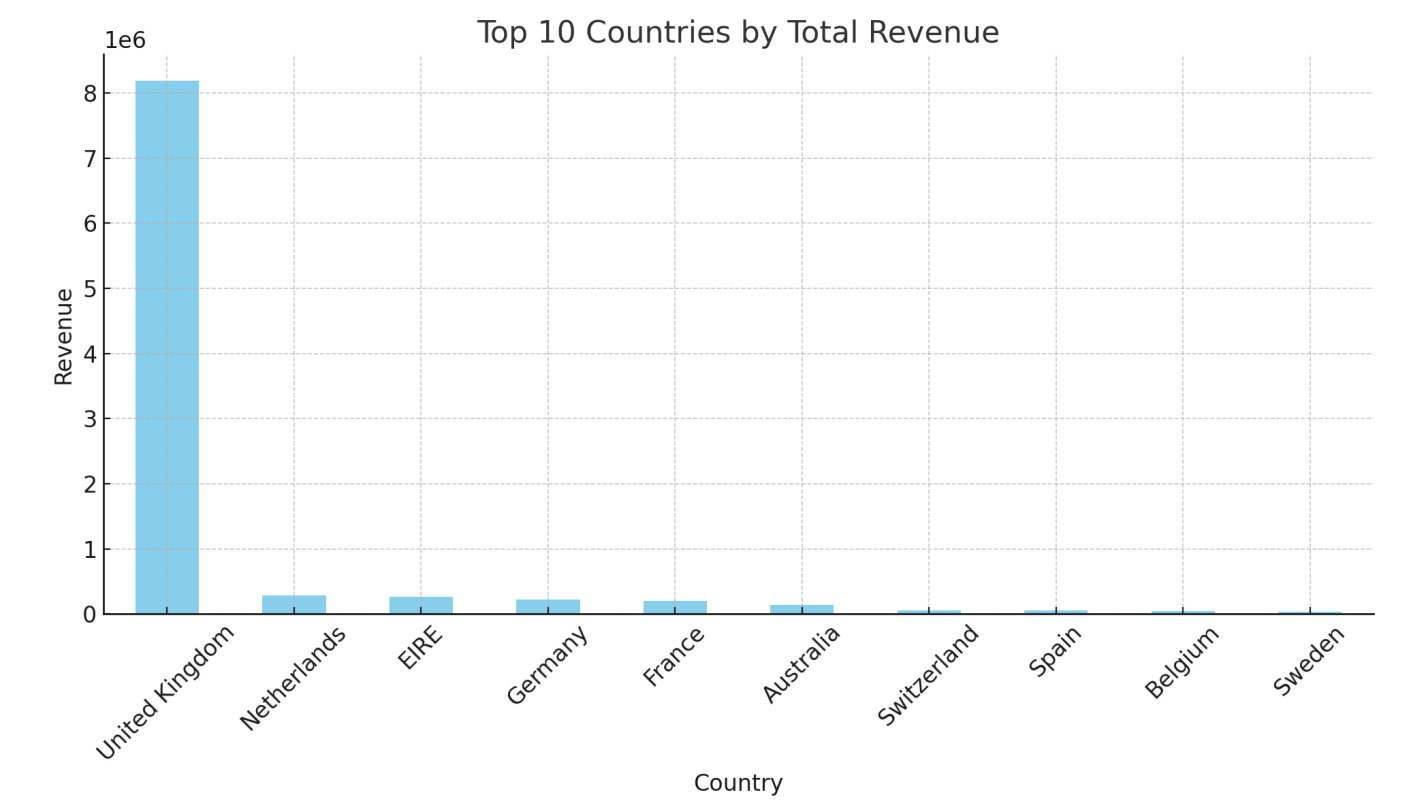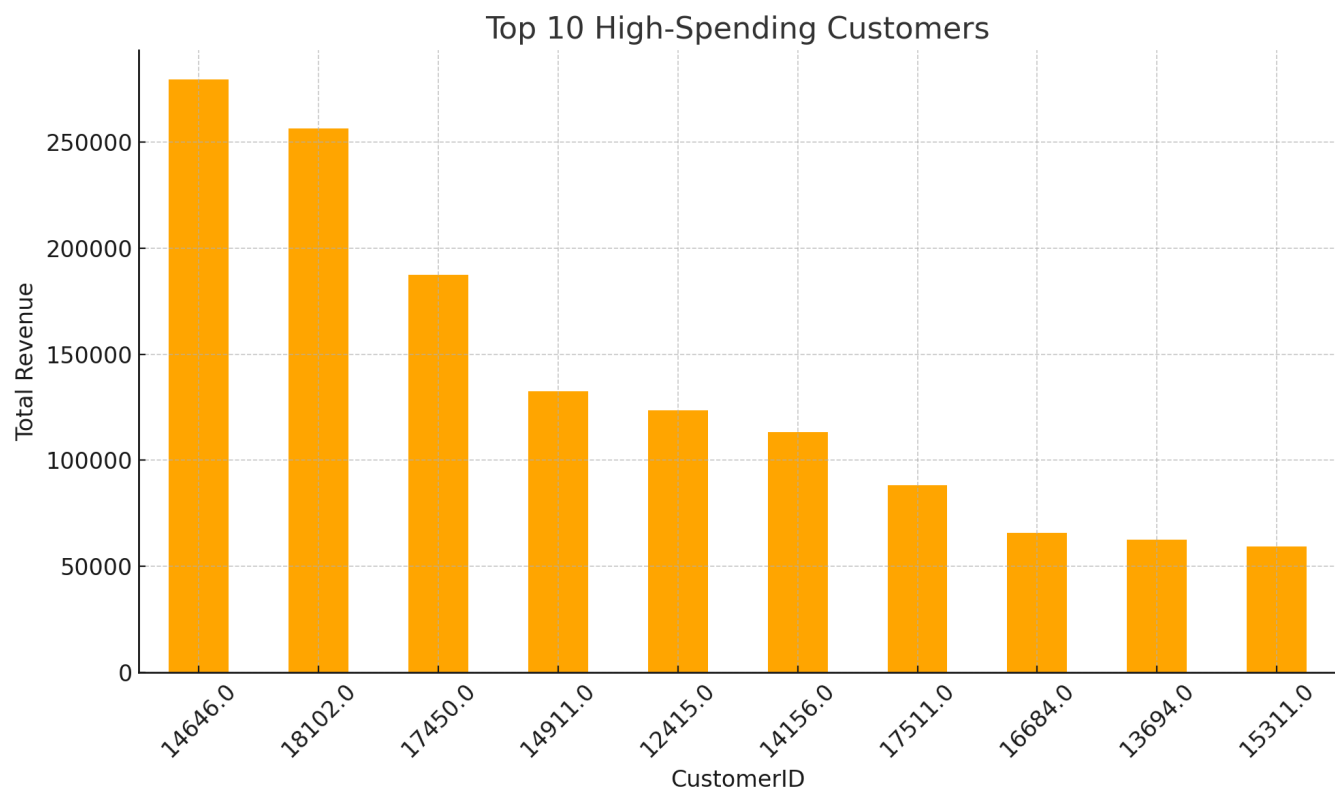# Task 3: SQL for Data Analysis

This report presents the results of SQL-based data analysis performed on an eCommerce dataset. It includes queries using SELECT, WHERE, GROUP BY, JOINs, subqueries, aggregate functions, views, and indexing. Below are the insights visualized from the data.
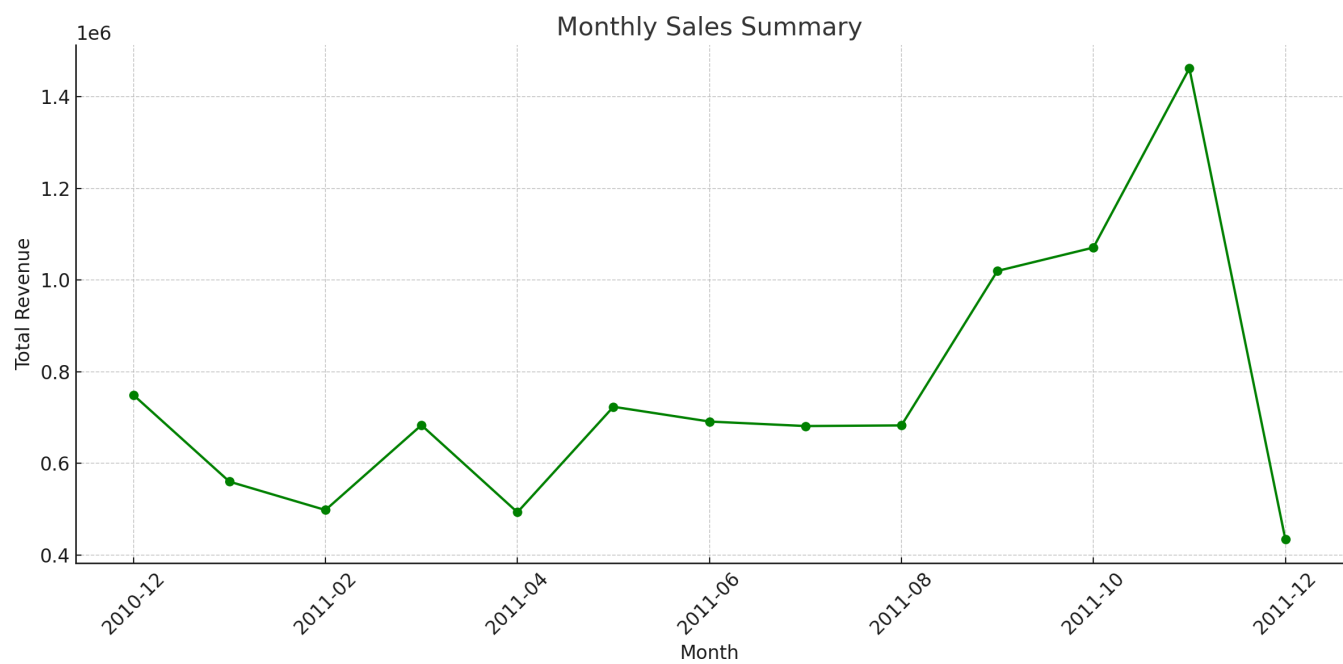
1. Total Sales by Country

This chart shows the top 10 countries by total revenue generated. It was created using GROUP BY and SUM functions in SQL.

2. High-Spending Customers

Top 10 High-Spending Customers

This chart highlights customers whose total purchases exceeded $10,000. This was calculated using a subquery and aggregate SUM function.

3. Monthly Sales Summary

Monthly Sales Summary

This line graph shows how sales evolved over time on a monthly basis. A SQL view was created to compute total monthly revenue using DATE_FORMAT and GROUP BY.